

20030212.qrp v02_n829.qrl.20030212

Date: Wed, 12 Feb 2003 19:03:10 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2829

QRP-L Digest 2829

Topics covered in this issue include:

- 1) [146070] Re: FS: FT-7 and FT-301SD with PS
by W2AGN <w2agn@w2agn.net>
- 2) [146071] Twisted Bifilar windings
by "Steve & Anne Ray" <sbralr@earthlink.net>
- 3) [146072] FS: Ten-Tec Century 22 & accessories - REDUCED
by "Dave Redfearn" <n4elm@attbi.com>
- 4) [146073] Re: Light Bulb Dummy Loads
by David Hinerman <WD8CIV@worldnet.att.net>
- 5) [146074] RE: Light Bulb Dummy Loads
by Nick Kennedy <nkennedy@tcainternet.com>
- 6) [146075] Re: Light Bulb Dummy Loads
by "George, W5YR" <w5yr@att.net>
- 7) [146076] RE: Twisted Bifilar windings
by Nick Kennedy <nkennedy@tcainternet.com>
- 8) [146077] RE: Light Bulb Dummy Loads
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 9) [146078] WTB: G4ZPY iambic paddle
by "Joe W2KJ" <w2kj@bellsouth.net>
- 10) [146079] Coil set for Eico 710 GDO
by Bob Liesenfeld <wb0poq@visi.com>
- 11) [146080] Four State QRP Group Luncheon on Saturday
by "David Bixler" <qrp@netins.net>
- 12) [146081] RE: Light Bulb Dummy Loads
by "JB Crafts" <jbcraft@adelphia.net>
- 13) [146082] Active Electronics
by "T.J. \"SKIP\" Arey" <tjarey@tjarey.com>
- 14) [146083] Wanted: Hallicraftes HA-5 VFO
by "Alan Fryer" <N3BJ@hotmail.com>
- 15) [146084] Program to generate LPF
by k4vib@att.net
- 16) [146085] Re: Twisted Bifilar windings
by "Merton Nellis" <mertnellis@msn.com>
- 17) [146086] ARGONAUT V
by Dick Ballard <ballardr@att.net>
- 18) [146087] Re: Active Electronics
by Harry Hurst <wa3ptg@comcast.net>
- 19) [146088] RS / Active Electronics

- by Paul Valko <w8kc@comcast.net>
- 20) [146089] Re: Twisted Bifilar windings
by "John J. McDonough" <wb8rcr@arrl.net>
- 21) [146090] Re: Light Bulb Dummy Loads
by "w5tb" <w5tb@arrl.net>
- 22) [146091] NETXQRP Club Meeting, Saturday 15 February
by Chuck Carpenter <w5usj@9plus.net>
- 23) [146092] Four State QRP Group Wednesday Warble
by "David Bixler" <qrp@netins.net>
- 24) [146093] WTB unbuilt K1
by "Rod N0RC" <rod@n0rc.us>
- 25) [146094] Code Boy Keyer for sale
by "Hartwell, Martin E, ALABS" <mehartwell@att.com>
- 26) [146095] Simple Portable CW Rig?
by "JAKidz" <jakidz@pullman.com>
- 27) [146096] Re: ARGONAUT V
by <igeq100@iupui.edu>
- 28) [146097] Re: Simple Portable CW Rig?
by Ed Lawson <k1vp@grizzly.com>
- 29) [146098] Re: Twisted Bifilar windings
by "Mike Yetsko" <myetsko@insydesw.com>
- 30) [146099] Re: Simple Portable CW Rig?
by fcs@juno.com
- 31) [146100] Re: Simple Portable CW Rig?
by "Tim, N9PUZ" <n9puz@arrl.net>
- 32) [146101] FOX facts
by Lloyd Lachow <llachow@yahoo.com>
- 33) [146102] Radio Shack Antenna
by wlglease@att.net
- 34) [146103] Altoids Tin Source - Westminster Dog Show
by "Ron McConnell" <rcmcc@earthlink.net>
- 35) [146104] RE: Radio Shack Antenna
by Mark Schoonover <schoon@amgt.com>
- 36) [146105] Re: Simple Portable CW Rig?
by "Brice D. Hornback" <bdh@cyberbound.net>
- 37) [146106] Re: QST View - was (ARRL Evil Empire)
by Bob Nielsen <nielsen@oz.net>
- 38) [146107] Transistor bias....AppCAD Question
by k4vib@att.net
- 39) [146108] OT Emergency notification
by KD5NWA <KD5NWA@cbayona.com>
- 40) [146109] PYRAMID 25 AMP REGULATED POWER SUPPLY MODEL PS26KX
by "Steve Blary" <steve@eclipsecat.com>
- 41) [146110] WTB: Radio Shack Simplex Repeater
by Jim Giammanco <giamman@rouge.phys.lsu.edu>
- 42) [146111] Re: QST View
by "Garey Barrell" <k4oah@mindspring.com>
- 43) [146112] Re: Altoids Tin Source - Westminster Dog Show

- by San Rotter <rotter@ieee.org>
- 44) [146113] MAR QST--Build your own MIC
by Rod N0RC <rod@n0rc.us>
 - 45) [146114] Re: Altoids Tin Source - Westminster Dog Show
by "Lee Mairs" <lmairs@direcway.com>
 - 46) [146115] Re: Light Bulb Dummy Loads
by "Tom" <kf4yyd@adelphia.net>
 - 47) [146116] Radio Transport Cases
by Rod N0RC <rod@n0rc.us>
 - 48) [146117] C6ALK on 18.073
by Fred Lesnick <flesnick@tbaytel.net>
 - 49) [146118] Simple Portable CW Rig
by "Mike Duke, K5XU" <k5xu@jam.rr.com>
 - 50) [146119] FS: Unbuilt Norcal Nor'easter kit
by "Dave Redfearn" <n4elm@attbi.com>

Date: Tue, 11 Feb 2003 17:47:29 -0500 (Eastern Standard Time)
From: W2AGN <w2agn@w2agn.net>
To: qrp-l@Lehigh.EDU, n1zsw@hotmail.com
Subject: [146070] Re: FS: FT-7 and FT-301SD with PS
Message-ID: <3E497D81.000003.21013@w2agn>
MIME-version: 1.0
Content-type: Text/Plain
Content-transfer-encoding: 7BIT

Having just restored one of these that apparently had been run over by a truck (FT-7), the CW is easy to fix. 1 transistor (Q702) which can be replaced with a 2n3904, 2N2222, etc on the control board.

I built a CWF-2 audio filter into mine. Used it in the FISTS Sprint last weekend. It's not pretty, but it works FB. Easy rig to work on.

.
+-----+ John L. Sielke
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
+-----+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----Original Message-----

From: n1zsw@hotmail.com
Date: Tuesday, February 11, 2003 05:42:33 PM
To: Low Power Amateur Radio Discussion
Subject: FS: FT-7 and FT-301SD with PS

Selling radios to get new radio:

1. Dirty and CW does not work but hot receiver and great SSB audio FT-7. Probably cleans-up well but great FD radio. Comes with manual and hand mic. Asking \$150 plus shipping or BO

<http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963>

Date: Tue, 11 Feb 2003 18:00:35 -0500
From: "Steve & Anne Ray" <sbralr@earthlink.net>
To: "Elecrafft" <elecrafft@mailman.qth.net>, <qrp-1@lehigh.edu>
Subject: [146071] Twisted Bifilar windings
Message-ID: <000501c2d221\$714caf80\$0101010a@home>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a note on Twisted Bifilar windings, when building my K2 and some other stuff, I found my old hand drill, (with the crank on the side), works ideal. I simply put a screw eye in the chuck, put the wires through the screw eye and attach the other end of the wires to a vise. It makes it easy to get uniform, even twists of the wire and you have direct control as you crank. Obviously you should not try this with a power drill, or even a power screw driver as you want to be able to slowly make the twist of the wire to control the turns per inch.

72,
Steve Ray K4JPN ex K1VKW
EM82ep Warner Robins GA
Elecrafft K2 1422 & KPA-100
Heath Fan HW-101, HW-8

Date: Tue, 11 Feb 2003 17:16:34 -0600
From: "Dave Redfearn" <n4elm@attbi.com>
To: "Low Power Amateur Radio Discussion \ (E-mail\)" <qrp-1@lehigh.edu>,
 "Ten-Tec Mail list \ (E-mail\)" <tentec@contesting.com>
Subject: [146072] FS: Ten-Tec Century 22 & accessories - REDUCED
Message-ID: <000f01c2d223\$9ef24100\$016fa8c0@Pavillion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

OK, motivated seller!

I need to move this Century 22 to get a new Ten-Tec radio!

For Sale:

Ten-Tec Century 22 HF Transceiver

Covers 80, 40, 30, 20, 15, & 10 Meters
Direct conversion receiver, analog dial,
Runs about 20 watts output CW.

Includes optional # 226 crystal calibrator,
matching Model # 979 Power supply, manual, and box.

Radio is in very good condition, everything works,
minor wear on the case, front panel is very clean

Asking \$300.00 + shipping from 75070

or

BEST CASH OFFER !!!!!

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKattbi.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Tue, 11 Feb 2003 18:38:17 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [146073] Re: Light Bulb Dummy Loads
Message-ID: <5.1.1.6.1.20030211181655.00b27b78@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

> Could someone point me to where I can find information on using a
> #47 bulb
> as a low power dummy load. All I can find in my copy of the '57 and 2001

>ARRL Handbook, is the basic care and feeding data on this type. Glen
>Leinweber VE3DNL sent me an email during my recent troubleshooting exercise
>suggesting I use a #47 as a test rig because when the filament gets hot it
>is fairly close to 50 ohms. I was able to use it successfully I was just
>wondering how would someone know that? other than having a much smarter
>individual tell you about it.

Tom,

Resistance equals voltage divided by current. My '76 Handbook shows the
Type 47 operating at 6 to 89 volts and drawing 150 mA. 6 volts / 0.15 amps
= 40 ohms. (6 volts * 0.15 amps = 0.9 watts, BTW.) Not too bad a match for
a 1 watt 50 ohm transmitter, and it makes a handy tuning indicator - just
tweak for maximum smoke. (Grin)

The down side is that a cold bulb is much less than 40 ohms, and can show a
pretty serious mismatch when power is first applied. Bulbs were more
commonly used as dummy loads for tube transmitters because tubes are more
tolerant of a mismatch. Semiconductor transmitters sometimes aren't as
tolerant, so use care.

Making a dummy load from a bulb is pretty straightforward - just hook one
across a connector that mates to your transmitter. Use a bulb whose wattage
rating is close to the transmitter's expected output, and do the volts /
amps thing to make sure the "on" resistance is a decent match.

Dave

Dave Hinerman
WD8CIV@att.net

Date: Tue, 11 Feb 2003 17:45:03 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'kf4yyd@adelphia.net'" <kf4yyd@adelphia.net>,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [146074] RE: Light Bulb Dummy Loads
Message-ID: <01C2D1F5.4F58AF40.nkennedy@tcainternet.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

If you know how much power you expect from the TX, you could calculate the voltage and current at 50 ohms and try to find a lamp that matches those numbers. For instance, 1 watt into 50 ohms would mean

volts = $\text{SQRT}(1 \times 50)$ or 7.07 volts. And the current would be

amps = $\text{SQRT}(1/50)$, or 0.141A or 141 ma

So look for a lamp with voltage and current specs near there.

Working backwards, MY 1957 handbook says the #47 pilot lamp is rated for 6 to 9 volts at 0.15 amp.

Figuring the average, call it a 7.5 volt at 0.15 amps lamp. $R = V/I = 7.5/0.15 = 50$ ohms. Hey, Glen hit it on the nose! But check the power for those conditions, $P = 7.5 \times 0.15 = 1.125$ watts. Good match for a 1 watt rig.

Now, you can't use any old 50 ohm lamp for a transmitter rated at less than or equal to its power rating. That's because the resistance will be a lot lower if you don't have enough RF to get the filament good and hot. Try measuring the resistance of your #47 bulb with a VOM. I'll bet it's less than half of it's "hot" value.

A lamp is not exactly a precision dummy load; but it does have the extra feature of being its own relative power indicator. And at HF, don't spend a lot of time worrying about the inductance of the little squiggle of the filament.

72--Nick, WA5BDU

On Tuesday, February 11, 2003 3:41 PM, Tom [SMTP:kf4yyd@adelphia.net] wrote:

> Hello,
> Could someone point me to where I can find information on using a #47 bulb
> as a low power dummy load. All I can find in my copy of the '57 and 2001
> ARRL Handbook, is the basic care and feeding data on this type. Glen
> Leinweber VE3DNL sent me an email during my recent troubleshooting
exercise
> suggesting I use a #47 as a test rig because when the filament gets hot
it
> is fairly close to 50 ohms. I was able to use it successfully I was just
> wondering how would someone know that? other than having a much smarter

> individual tell you about it.

Since no smarter individuals have stepped forward, I'll take a shot. :^)

Date: Tue, 11 Feb 2003 17:59:26 -0600
From: "George, W5YR" <w5yr@att.net>
To: <kf4yyd@adelphia.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [146075] Re: Light Bulb Dummy Loads
Message-ID: <013901c2d229\$9c660920\$0201a8c0@de11>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tom, the do-it-yourself approach is to use Ohm's Law.

The operating voltage of the #47 is 6.3 volts and the rated current is 150 mA. The hot resistance figures out to be 42 ohms which is "close enough" for a "50 ohm" dummy load. The power figure I get is 945 mW for those conditions.

So, it looks like a 42 ohm resistor dissipating about one watt at full brightness. Not a bad QRP dummy load at low frequencies. The inductance of the filament will detract from its usefulness as a load as you go up in frequency.

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"

----- Original Message -----
From: "Tom" <kf4yyd@adelphia.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, February 11, 2003 3:40 PM
Subject: Light Bulb Dummy Loads

> Hello,
> Could someone point me to where I can find information on using a #47 bulb

> as a low power dummy load. All I can find in my copy of the '57 and 2001
> ARRL Handbook, is the basic care and feeding data on this type. Glen
> Leinweber VE3DNL sent me an email during my recent troubleshooting
exercise
> suggesting I use a #47 as a test rig because when the filament gets hot it
> is fairly close to 50 ohms. I was able to use it successfully I was just
> wondering how would someone know that? other than having a much smarter
> individual tell you about it.
>
> Just curious,
>
> Tom kf4yyd
>
>

Date: Tue, 11 Feb 2003 18:00:04 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'w8diz@fpqrp.com'" <w8diz@fpqrp.com>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146076] RE: Twisted Bifilar windings
Message-ID: <01C2D1F7.6883F180.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Diz-

You come up with some good questions.

It seems that there are often several ways of analyzing & explaining transformers, and the "transmission line transformer" explanation for this lash up sort of eludes me thus far. That said, conventional transformer theory can explain the actions (impedance transformation AND balanced to unbalanced conversion) with no consideration of the bifilar pair of wires as a transmission line at all.

I'll accept on faith that twisting is a good thing. I doubt that it reduces capacitance, though. But since the idea is to form a transmission line of a certain impedance, which depends on the L to C ratio per length, you don't really want to minimize either of them so much as to get them into the correct ratio.

If seen advice on winding these things vary all over the board from, twist 'em, to don't bother twisting, to use parallel wire like speaker wire or ribbon cable wire.

Probably when you are pushing the boundaries of performance (high frequency limits and so on), having a constant impedance pair of wires becomes more important.

72--Nick, WA5BDU

On Monday, February 10, 2003 6:53 PM, w8diz [SMTP:w8diz@fpqrp.com] wrote:

> Howdy Gang,

>

> I was asked by another ham...

>

> "Why do you twist the wires when winding a toroidal transformer"

> His question was in reference to a 1:4 broadband HF band transformer

> used to transform a 12.5 ohm Z to 50 ohms.

>

> I think it reduce interwinding capacitances. What say all you techies?

>

>

>

Date: Tue, 11 Feb 2003 19:35:10 -0500

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [146077] RE: Light Bulb Dummy Loads

Message-ID: <721D3436A7C2B344A301FD4A413C71A9BFC414@kosh.ARRLHQ.ORG>

Content-Class: urn:content-classes:message

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

For the power level of a #47 bulb, it might be better to use carbon-comp = resistors in series parallel and get a pretty good load up into the VHF = range. A few 2 W carbon comps in the right combination is a lot more = reliable. Carbon comps are getting hard to find, though. Even the = non-carbon comp resistors that are out there (metal film and the like), = though a bit inductive, are close enough for government work up through = HF, for the most part.

Of course, the #47 does have a distinct advantage -- it also serves as a = good relative power meter as it lights up. If it suddenly goes out, = though, you are no longer a QRPer!

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

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information about membership, go to <http://www.arrl.org/join.html>. Your =
contribution can also help support ARRL's ongoing efforts to protect =
Amateur spectrum. Go to =
<https://www.arrl.org/forms/development/donations/basic/> to learn more =
about the ways you can support the ARRL programs and activities of most =
importance to you. You can help ARRL protect Amateur Radio for you and =
future generations to enjoy.

> -----Original Message-----
> From: Tom [mailto:kf4yyd@adelphia.net]
> Sent: Tuesday, February 11, 2003 4:41 PM
> To: Low Power Amateur Radio Discussion
> Subject: Light Bulb Dummy Loads
>=20
>=20
> Hello,
> Could someone point me to where I can find information=20
> on using a #47 bulb
> as a low power dummy load. All I can find in my copy of the=20
> '57 and 2001
> ARRL Handbook, is the basic care and feeding data on this type. Glen
> Leinweber VE3DNL sent me an email during my recent=20
> troubleshooting exercise
> suggesting I use a #47 as a test rig because when the=20
> filament gets hot it
> is fairly close to 50 ohms. I was able to use it successfully=20
> I was just
> wondering how would someone know that? other than having a=20
> much smarter
> individual tell you about it.
>=20
> Just curious,
>=20
> Tom kf4yyd

>=20

>=20

>=20

Date: Tue, 11 Feb 2003 20:26:08 -0500
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [146078] WTB: G4ZPY iambic paddle
Message-ID: <005201c2d235\$b8d10180\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

Anybody out there have a G4ZPY iambic paddle that they want to get rid of??? I need an additional paddle for my AO-40 satellite station and am looking around.

Would also consider the WBL V22 or V2L if anyone wants to sell one of those puppies.

73, Joe W2KJ

Date: Tue, 11 Feb 2003 19:30:48 -0600
From: Bob Liesenfeld <wb0poq@visi.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [146079] Coil set for Eico 710 GDO
Message-ID: <3E49A3C7.CB6EFC35@visi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang,

I picked up an old Eico 710 GDO minus the coil set. From the schematic, it appears that each coil is a center tapped affair. I have reverse engineered one for the 7.5-18MHz range. However, the calibration is off over most of the dial except at one or two spots.

This leads me to believe that the coil is tapped but not at the center. Does anyone have a set of these coils that they could "eyeball" and give me some specs?

Thanks!

Bob L. WB0POQ

Date: Tue, 11 Feb 2003 20:01:03 -0600
From: "David Bixler" <qrp@netins.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [146080] Four State QRP Group Luncheon on Saturday
Message-ID: <000201c2d23a\$9962cb80\$7956f8d8@XPComputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: quoted-printable

Hi Gang:

The Four State QRP Group is having our annual Builders Contest luncheon get-together this coming Saturday, February 15. The location is the historic Redings Mill Inn, south of Joplin, Missouri. Lunch is at 11:00 AM central time. All QRP'ers and homebrewers are invited to participate. =20

The inn is located on state route 86, one mile south of Interstate 44 exit 6. Head south from the interstate for one mile and the inn is immediately south of the Shoal Creek bridge, on the east side of the road. Talk-in is on 146.52 simplex.

More details and information is on the group web site:
<http://w0ch.com/fsqrp>

This will be a fun meeting with lots of home constructed stuff for show and tell.

72 and hope to see you there, Dave

David Bixler W0CH
Seneca, Missouri
W0CH QRP Web Site: <http://w0ch.com>
Four State QRP Group: <http://w0ch.com/fsqrp>

QRP: Little Radios, Big Fun!=20

Date: Tue, 11 Feb 2003 21:14:40 -0500
From: "JB Crafts" <jbcraft@adelphia.net>
To: <kf4yyd@adelphia.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [146081] RE: Light Bulb Dummy Loads
Message-ID: <LNBBKPLNIFBIPFGLNEDGIEJLCBAA.jbcraft@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

6.3v at 150ma = about 50ohm (Ohms Law)

that is not the important thing about a light bulb since the lamp will change Z when heated, and depending on frequency - since the filament is an inductor, the important thing is that it absorbs the power.

I used to use a #47 lamp on the end of 100' of coax as a test antenna.

Bob K8YS

Date: Tue, 11 Feb 2003 21:17:10 -0500
From: "T.J. \"SKIP\" Arey" <tjarey@tjarey.com>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [146082] Active Electronics
Message-ID: <3E49AEA6.1050409@tjarey.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I called the Cherry Hill, NJ Active Electronics store and verified that they were closed and packing the stock up.

I'm going to miss my Saturdays wandering around the parts isles.

Future/Active is now just another catalog store.

I feel really bad for the folks who worked there. They were always great and very helpful.

I never got greeted by name when I walked into a Rat Shack.

And Rat Shack never had a coffe pot in the back for regulars.

Date: Tue, 11 Feb 2003 21:26:25 -0500
From: "Alan Fryer" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [146083] Wanted: Hallicraftes HA-5 VFO
Message-ID: <0E40iHyLjwilZAbjlQ00000c0ba@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone on the list have one in decent shape that is surplus ? Trying to pair up an HT-40 TX to relive some past years.

Alan, N3BJ
Bent Mountain, VA

Date: Wed, 12 Feb 2003 03:45:51 +0000
From: k4vib@att.net
To: qrp-l@lehigh.edu
Subject: [146084] Program to generate LPF
Message-ID: <200302120345.h1C3jwSA001475@rain.CC.Lehigh.EDU>

What program are you guys using to generate your LPF? I'd like one that would allow me to specify a different Zin than 50 ohms...in other words a LPF that would match the impedance of the final to 50ohms.

Thanks,

Bill
K4VIB

Date: Tue, 11 Feb 2003 21:47:31 -0600
From: "Merton Nellis" <mertnellis@msn.com>
To: ve3ab@mail.mondenet.com, qrp-l@Lehigh.EDU
Subject: [146085] Re: Twisted Bifilar windings
Message-ID: <F16dFXEdDs01Gijn1Gh00008a44@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Hi Earl,

The twisted pair audio is a different matter....as you said, it helps to reduce pickup and give some shield effect. But the twisted magnet wire for the toroidal xformer was explained really well in an earlier post which pointed out that the bifilar winding was really like a transmission line and the wire size and spacing determines the characteristic impedance....a function of L/C per unit length. The twists increase the C by getting a close and consistent spacing between the wires. You can get close to 50 ohms using #22 or #23 wire twisted about 3 or 4 crossovers per inch. At qrp power levels this works great. I use 8 turns of that on an FT50A-61 core to make a current balun for the center of dipole fed with 50 ohm coax.

For higher powers and larger toroids you can get a 50 ohm transmission line by winding the wires side by side but note that Sevick, the transmission line xformer guru, sometimes used shrink sleeving, or tie wraps to hold them consistently together. This works for #13 or #14 wire.

73 Mert W0UFO MNQRP

----- Original Message -----

>From: ve3ab@mail.mondenet.com

>Reply-To: ve3ab@mail.mondenet.com

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>Subject: Re: Twisted Bifilar windings

>Date: Tue, 11 Feb 2003 17:02:20 +0000

>

>My first exposure to the advantages of twisting together wires in

>this fashion ..was when I built a single tube vacuum tube AF

>amplifier in lab experiment. I think the audio line input was

>tried with both twisted wire feed and untwisted wire feed.

>I think we were trying to prove that twisting the wires together made

>a feed that was shielded to some degree. This was way back in 1975 so

>my memory fails me. I think that twisted wires will radiate less.

>As for torroid winding ie 4 to 1 baluns..the Cushcraft R5 and R7

>blackbox torroid has/had windings that were untwisted.

>Im quite interested in seeing if there is a good reason to

>build baluns with twisted wires. 73 Earl VE3AB

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<http://join.msn.com/?page=features/featuredemail>

Date: Tue, 11 Feb 2003 20:53:05 -0800
From: Dick Ballard <ballardr@att.net>
To: qrp-1@lehigh.edu
Subject: [146086] ARGONAUT V
Message-ID: <hnmkj4v8jmu2jpnvcmfp0ui3gf2qjhf43v0@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

Go to:

<http://groups.yahoo.com/group/Ten-Tec516/>

On Tue, 11 Feb 2003 13:54:59 -0800 (PST), you wrote:

>Hi Friends,
>I have been reading about the Ten Tec Argonaut V.=20
>It sounds good. Has anyone used or seen one? I
>would appreciate any feedback. thanks.

Date: Wed, 12 Feb 2003 05:31:50 +0000
From: Harry Hurst <wa3ptg@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [146087] Re: Active Electronics
Message-ID: <000401c2d258\$0b0e0b60\$0200a8c0@daisy>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Is there any sort of electronics parts store between Washington, D.C., and New York City? Radio Shack doesn't count.

The local jobber here focuses on slot machine parts only.

Hap, WA3PTG
Wilmington DE

----- Original Message -----

From: "T.J. "SKIP" Arey" <tjarey@tjarey.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, February 12, 2003 02:17
Subject: Active Electronics

> I called the Cherry Hill, NJ Active Electronics store and verified that
> they were closed and packing the stock up.
>
> I'm going to miss my Saturdays wandering around the parts isles.
>
> Future/Active is now just another catalog store.
>
> I feel really bad for the folks who worked there. They were always great
> and very helpful.
>
> I never got greeted by name when I walked into a Rat Shack.
>
> And Rat Shack never had a coffe pot in the back for regulars.
>
>

Date: Wed, 12 Feb 2003 06:09:59 -0500
From: Paul Valko <w8kc@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146088] RS / Active Electronics
Message-ID: <004c01c2d287\$4a98eff0\$6601a8c0@p4main>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

----- Original Message -----
Sent: Tuesday, February 11, 2003 9:17 PM
Subject: Active Electronics

> I never got greeted by name when I walked into a Rat Shack.

I do.

> And Rat Shack never had a coffe pot in the back for regulars.

Mine does.

Of course, I don't go around calling them "Rat Shack" either.

73 =paul= W8KC

Date: Wed, 12 Feb 2003 06:44:29 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [146089] Re: Twisted Bifilar windings
Message-ID: <001801c2d28c\$1bb200a0\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Actually, with a decent, variable-speed power drill you can probably get more control than with the hand drill. It may depend on the particular model, but my old Craftsman drill will get down to 3-4 seconds per revolution, quite a bit slower than I need to wind wires. You not only get slow, but you get a lot smoother than with the hand drill. (Of course, chances are you are more skilled at the hand drill than I am - you would have to search far and wide to find a poorer carpenter than I!)

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Steve & Anne Ray" <sbralr@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, February 11, 2003 6:00 PM
Subject: Twisted Bifilar windings

> Just a note on Twisted Bifilar windings, when building my K2 and some other
> stuff, I found my old hand drill, (with the crank on the side), works ideal.
> I simply put a screw eye in the chuck, put the wires through the screw eye
> and attach the other end of the wires to a vise. It makes it easy to get
> uniform, even twists of the wire and you have direct control as you crank.
> Obviously you should not try this with a power drill, or even a power
> screw driver as you want to be able to slowly make the twist of the wire to
> control the turns per inch.
>
> 72,
> Steve Ray K4JPN ex K1VKW
> EM82ep Warner Robins GA
> Elecraft K2 1422 & KPA-100
> Heath Fan HW-101, HW-8
>

Date: Wed, 12 Feb 2003 06:14:32 -0600
From: "w5tb" <w5tb@arrl.net>
To: <nkennedy@tcainternet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [146090] Re: Light Bulb Dummy Loads
Message-ID: <005101c2d290\$4d52f0c0\$0400a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

>Working backwards, MY 1957 handbook says the #47 pilot lamp is rated =
for 6=20
to 9 volts at 0.15 amp.

Old timers will remember the low power Heathkit 'Sixer' and 'Twoer' were =
tuned up using a #47 bulb -- worked fine back then ;-)

72, 73, oo T.E. 'Doc' Drake, W5TB
Arlington, Texas
FISTS # 5365 QRPARCI # 3532 ARRL Life Member K1 #181 K2#1617

Date: Wed, 12 Feb 2003 06:21:41 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu, George Baker <w5yr@att.net>,
Lew Paceley <lew@paceley.com>,
Subject: [146091] NETXQRP Club Meeting, Saturday 15 February
Message-ID: <3.0.2.32.20030212062141.007f85e0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRPers,

All who are interested are invited to attend.

Saturday, February 15, 2002 -- 1:00 to 3:00 pm (or so)

Los Hermanos
1500 W. Moore Ave (US80 West)
Terrell, TX 75160
972-524-5580

Directions:

Los Hermanos is on the West side of Terrell. It is on the North side of US80 (Moore Ave.) about a block East of the intersection of US80, SH205, and SH148. SH205 goes North from US80 toward Rockwall and SH148 goes South back across IH20. Los Hermanos is a small restaurant next to a Payless Shoe Source.

If you have a favorite QRP something you'd like to bring along, please do. Each month we have a *Door Prize* drawing. Bring an item to share for the door prize table. A drawing is held at the end of the meeting to *redistribute* the wealth. Everyone attending gets a chance at one of the prizes. Good food, good conversation and good company. Come join the fun!

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
Rock-Mites on 80, 40, 30, 20 and 15 Meters
QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Wed, 12 Feb 2003 07:38:11 -0600
From: "David Bixler" <qrp@netins.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [146092] Four State QRP Group Wednesday Warble
Message-ID: <001001c2d29b\$fca48740\$e915b9cc@Host>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello gang:

Tonight at 9 PM central time, the Four State QRP Group has our weekly Wednesday Warble on 3580.5 KHz PSK-31 mode. All QRP'ers are welcome to join our informal roundtable chat.

Last week we had 8 states check in for a new record. Time to dust off those Warblers (or any other PSK capable rig) and join the roundtable. Nothing formal, just some fun with QRP.

72, Dave W0CH

QRP: Little radios, Big Fun!

QRP Web Site: <http://w0ch.com>
Four State QRP Group: <http://w0ch.com/fsqrp>

Date: Wed, 12 Feb 2003 06:57:48 -0700
From: "Rod N0RC" <rod@n0rc.us>
To: "qrp-l" <qrp-l@Lehigh.EDU>, <elecraft@mailman.qth.net>
Subject: [146093] WTB unbuilt K1
Message-ID: <01a401c2d29e\$ba8b1ce0\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

I'm looking for an unbuilt K1 kit of recent vintage. Got one you don't wish to build? Please contact me with particulars.

73, Rod N0RC

Date: Wed, 12 Feb 2003 09:09:35 -0500
From: "Hartwell, Martin E, ALABS" <mehartwell@att.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [146094] Code Boy Keyer for sale
Message-ID: <6579C6377F475547985F0B3E426E16260204E115@OCCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

Hi

I have a Code Boy keyer for sale. Small, about 3"x1 1/2"x3/4" front =
panel
speed control, input on back for paddle, hand key, and output for key =
cable
to TX. Gray in color, with a tan front panel. I now have my new CMOS III =
up and running, and trying to get accustomed to only one keyer to use on =
all my rigs.=20

I would like \$25.00 for this and I will pay shipping. I have circuit

drawing and I can take a digital picture to send if you desire.
=20

Marty Hartwell kd8bj

AT&T Columbus Ohio
Phone: (614) 501-2503
Pager: (888) 858-7243
PIN: 144747
mehartwell@att.com
Room2b07
8372 E Broad st.
Reynoldsburg, OH 43068

Date: Wed, 12 Feb 2003 06:43:18 -0800
From: "JAKidz" <jakidz@pullman.com>
To: <grp-1@Lehigh.EDU>
Subject: [146095] Simple Portable CW Rig?
Message-ID: <PMECLCODPFGKGLKANCBLAMEHLCFAA.jakidz@pullman.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Greetings:

W7MEH is an 80 years young ham who is getting back on the air after a 40+ year absence. He and his wife are taking a month-long RV pilgrimage to visit their snowbird friends. He wants a portable HF CW rig that he can physically handle to set up at campsites with a wire antenna and run off of the RV battery, preferably through the cigarette lighter. He is happy with the 20 watts or less that would limit him. His ICOM 718 is too big for him to handle easily. He wants something more straightforward knob-wise than an ICOM 706. An Elecraft K1 or base K2 would suit him well but he can't assemble them and I don't have enough time at the moment. As a newcomer I'm not familiar with the older rigs that would suit him as well. Any suggestions on what to get and where to get it?

73,
John, K7JG.

Date: Wed, 12 Feb 2003 10:00:24 -0500 (EST)
From: <igeq100@iupui.edu>
To: W2BJ <barry@w2bj.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [146096] Re: ARGONAUT V
Message-ID: <Pine.GS0.3.96.1030212095559.28932A-1000000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Barry -

You can see my early comments on the Argonaut V on N9VV's web site at www.n9vv.com/WB9LPU/argonaut-v-comments.html. I wrote this just after I got the rig, and after several months of daily use, I am still very positive about the unit. But remember - they are opinions, and YMMV.

72,
Rich, WB9LPU

On Tue, 11 Feb 2003, W2BJ wrote:

> Hi Friends,
> I have been reading about the Ten Tec Argonaut V.
> It sounds good. Has anyone used or seen one? I
> would appreciate any feedback. thanks.
>
> 72/73, Barry J. Minsky, W2BJ ARRL, QRP ARCI #8871,
> NorCal #1560, QRP-L, FISTS #2701, Century Club
> #569, Platinum #51, Silver #119, FISTS CW Club of
> Coastal Georgia, Knightlites, Adventure Radio
> Society #359, QCWA #29298, OOTC #3723, SOC #193,
> K2 #577, K1 #98, Rock Mite
>
>
>
>
>

Date: Wed, 12 Feb 2003 10:17:06 -0500
From: Ed Lawson <k1vp@grizzly.com>
To: jakidz@pullman.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [146097] Re: Simple Portable CW Rig?
Message-ID: <3E4A6572.5060306@grizzly.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

JAKidz wrote:

>An Elecraft K1 or base K2 would suit him well but he can't
>assemble them and I don't have enough time at the moment.
>

There are many people who will build K1 and K2 kits for free in order to help hams such as your friend.

The info is somewhere on the Elecraft website. In fact there are people who will build the kits for a very modest fee for anyone...or so I have been told by people who have had them built.

Ed Lawson
K1VP

Date: Wed, 12 Feb 2003 10:07:48 -0500
From: "Mike Yetko" <myetsko@insydesw.com>
To: <wb8rcr@arrl.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [146098] Re: Twisted Bifilar windings
Message-ID: <004901c2d2a8\$97665540\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Actually, with a decent, variable-speed power drill you can probably get
> more control than with the hand drill. It may depend on the particular
> model, but my old Craftsman drill will get down to 3-4 seconds per
> revolution, quite a bit slower than I need to wind wires. You not only
get
> slow, but you get a lot smoother than with the hand drill. (Of course,
> chances are you are more skilled at the hand drill than I am - you would
> have to search far and wide to find a poorer carpenter than I!)

>
> 72/73 de WB8RCR <http://www.qsl.net/wb8rcr>

I picked up a couple of B&D cordless drills at Wall-Mart a year ago on sale for I think \$15 or so. They had a whole stack in the middle of the aisle that went in about 2 days. While not a very powerful drill, it's beefier than the old 'electric screwdrivers'. And it's variable speed. Well, not true variable, but multiple step. I use it for twisting wires.

Keep an eye out for stuff like that.

(A HAM can never have too many tools!)

Mike

Date: Wed, 12 Feb 2003 10:49:25 -0500
From: fcsw@juno.com
To: qrp-l@lehigh.edu
Subject: [146099] Re: Simple Portable CW Rig?
Message-ID: <20030212.104927.-3699217.3.fcsw@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I would recomend that he pick up a ten tec scout or the argo model of the scout. . . small . . . easy to understand and gives him all modes and arguably all bands . . .
Hey they all work well with a simple dipole for the band of choice ...

73 72 drive carefully
dick, w2scf
fcsw@juno.com

Date: Wed, 12 Feb 2003 09:49:59 -0600
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146100] Re: Simple Portable CW Rig?
Message-ID: <200302121640.KAA24653@steel.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

On Wed, 12 Feb 2003 06:43:18 -0800, JAKidz wrote:

>than an ICOM 706. An Elecraft K1 or base K2 would suit him well=
but
>he can't assemble them and I don't have enough time at the=
moment.

I have no experience with them but the Elecraft web site lists a=
number of

folks who will build rigs. These are really fine radios.

Tim, N9PUZ

Date: Wed, 12 Feb 2003 08:18:00 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: a low-energy group <qrp-l@lehigh.edu>
Subject: [146101] FOX facts
Message-ID: <20030212161800.58069.qmail@web41007.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Me'n Larry, N2WW, will be your Foxii this week, at 0200-0400Z Friday (Thursday night, local time.) One of us will be high, the other low. Usual spots...hunt us down and we'll hand you each a lovely pelt.

I'll be repeating your call at the beginning and end of my transmission, sort of like this:

W1AW 559 MD LLOYD 5W W1AW BK

and you may want to reply likewise, sending info only once (we'll ask for fills if necessary):

TU W1AW 559 CT HIRAM 5W BK

I'll then reply TU dit dit, or request fills if needed.

I'm using my K1 at 5W to a longwire up about 25'. I'll be logging with paper and pencil, and the paper will be 5.5 x 8.5" per sheet.

I hope the conditions will compare favorably with last week...I'd dearly love to distribute at least a hundred peltii.

GL to all, and get ready for some Foxy Fun!

=====

73, 72 es oo, Lloyd, K3ESE

K1 # 00379 - 20/40M Rock-Mites - Hunk o' Wahr

ARRL - ARS #1301 - FISTS #8774 - WATPK #8

FPqrp #476 - QRParci #11147
QRP-L #2415 - SOC #530
Fun = Skill / Power
"You can't spell Lloyd without lol!"

Do you Yahoo!?
Yahoo! Shopping - Send Flowers for Valentine's Day
<http://shopping.yahoo.com>

Date: Wed, 12 Feb 2003 16:32:45 +0000
From: wlgleaseon@att.net
To: QRP-L@lehigh.edu
Subject: [146102] Radio Shack Antenna
Message-ID: <200302121632.h1CGWoSA031476@rain.CC.Lehigh.EDU>

Yesterday at Radio Shack I bought an 11 meter mobile CB antenna that can be adapted for use on 10 meters. RS # 21-941C Single Trucker II including a 2-piece heavy duty threaded stainless steel whip, 10-foot coax with connectors on each end, and a heavy duty mirror mount (for trucks). Clearance for \$0.97!!!

Also, picked up a headset designed for bicycle helmets. Includes a VOX unit with cables and connectors and was designed for FRS radios. Could be useful for HTs. Clearance for \$1.97.

Lyle - WB4JLY

Date: Wed, 12 Feb 2003 11:38:34 -0500
From: "Ron McConnell" <rcmcc@earthlink.net>
To: "NJQRP" <njqrp@njqrp.org>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [146103] Altoids Tin Source - Westminster Dog Show
Message-ID: <000101c2d2b5\$303cce00\$18c72841@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Monday evening we somehow ended up watching the Westminster Dog Show on TV for a while. To my astonishment they mentioned that the trainers give the dogs Altoid mints as treats (and breath fresheners?).

The first time they said it my xyl
and I looked at each other to see
if we both had heard the same thing.
It was mentioned a couple more times
in the half hour. I believe the
announcers were a bit surprised, too.

Now figuring that there are/were about 2500 dogs
at the show, about 3 days ... there should be
a good supply of empty tins at the show.
Next year we can be prepared to go around
and collect them before they are trashed.

Now I will have to get some more Altoids
and _offer_ one to our dog to see
what she will do.

73,

Ron McConnell
w2iol

Date: Wed, 12 Feb 2003 09:00:57 -0800
From: Mark Schoonover <schoon@amgt.com>
To: "'wlgleason@att.net'" <wlgleason@att.net>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [146104] RE: Radio Shack Antenna
Message-ID: <BF889CEBEFD2D511B993009027F60ABE4F665F@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Lyle and the group,

|> Also, picked up a headset designed for bicycle helmets.
|> Includes a VOX unit
|> with cables and connectors and was designed for FRS radios.
|> Could be useful for
|> HTs. Clearance for \$1.97.

Yes, vox can be handy on HTs! Just don't use them in the car...
You'll be full quieting into the local repeater the very first time you say
a colorful metaphor to describe the driving habits of the person in front of
you!

.mark

 Date: Wed, 12 Feb 2003 12:03:29 -0500
 From: "Brice D. Hornback" <bdh@cyberbound.net>
 To: <jakidz@pullman.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
 Subject: [146105] Re: Simple Portable CW Rig?
 Message-ID: <002401c2d2b8\$ab4d9900\$57c809c0@win98test>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

How about a vintage Heathkit HW-8? Plenty are available for sale (check eBay or this list) and it's a fine little rig. I got mine back when I was 12 to take camping and I still use it today (23 years later). It's inexpensive, lightweight, EASY to use, and works great. Not as much power as some of the new rigs... but I'm sure he can still have fun with it.

73/72/71! de Brice KA8MAV

----- Original Message -----
 From: "JAKidz" <jakidz@pullman.com>
 To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
 Sent: Wednesday, February 12, 2003 9:43 AM
 Subject: Simple Portable CW Rig?

> Greetings:
 > W7MEH is an 80 years young ham who is getting back on the air after a 40+
 > year absence. He and his wife are taking a month-long RV pilgrimage to
 > visit
 > their snowbird friends. He wants a portable HF CW rig that he can
 > physically
 > handle to set up at campsites with a wire antenna and run off of the RV
 > battery, preferably through the cigarette lighter. He is happy with the 20
 > watts or less that would limit him. His ICOM 718 is too big for him to
 > handle easily. He wants something more straightforward knob-wise than an
 > ICOM 706. An Elecraft K1 or base K2 would suit him well but he can't
 > assemble them and I don't have enough time at the moment. As a newcomer
 > I'm
 > not familiar with the older rigs that would suit him as well. Any
 > suggestions on what to get and where to get it?

>
> 73,
> John, K7JG.
>

Date: Wed, 12 Feb 2003 09:07:28 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [146106] Re: QST View - was (ARRL Evil Empire)
Message-ID: <20030212170728.GA17107@n7xy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Acrobat has the additional advantage that it is not limited to Windows machines but also exists for Macs and Linux boxes.

Bob Nielsen, N7XY

On Mon, Dec 30, 2002 at 07:20:09PM -0700, Karl F. Larsen wrote:

>
>
> Well QST only has a advertiser index but like we are used to you look
> for the darn chapters and from that get the page you want. Then with
> Acrobat you just jump to that page.
>
>
> On Mon, 30 Dec 2002, Garey Barrell wrote:
>
> > Sorta related...
> >
> > The viewer supplied with the QST CD-ROM for 1995-1999 is FAR superior to
> > the "alleged" viewer supplied with earlier versions.
> >
> > The new one is the same as the "AView" supplied with the Ham Radio Magazine
> > CD-ROM set (unfortunately NOT compatible with QST) and the new one WILL
> > recognize all older QST CD's as well as Ham Radio and QEX CDs.
> >
> > It also includes a "keyword" index, not just "title word" index. Plus the
> > index is hyperlinked so you can just click on an article listed (with a
> > special icon that indicates if the needed CD is in the drive) to go to
> > it. Better yet, if you have a multi-drive, it will check all drives for
> > mounted CDs. No more of the stupid deciding if you want to look at the
> > covers or the pages either!!
> >

Message-ID: <5.2.0.9.0.20030212115353.00a787f0@mail.arkansasusa.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

For persons interested in Emergency public service, this link below will notify you by cell phone, email or pager of an Emergency condition in an area of your choice.

<<http://www.emergencyemail.org/>>

Cecil
KD5NWA

Date: Wed, 12 Feb 2003 13:12:56 -0500
From: "Steve Blary" <steve@eclipsecat.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [146109] PYRAMID 25 AMP REGULATED POWER SUPPLY MODEL PS26KX
Message-ID: <PPEIIGOHKOAKJAPHAODHCEGAECOA.steve@eclipsecat.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Has anyone used one of these power supplies? I'm looking for a cheap supply to use with my ARES jump kit and this looks like it fit the bill ...

72's
Steve Blary, N1XC

Date: Wed, 12 Feb 2003 12:49:51 -0600
From: Jim Giammanco <giamman@rouge.phys.lsu.edu>
To: qrp-1@lehigh.edu
Subject: [146110] WTB: Radio Shack Simplex Repeater
Message-ID: <3.0.1.32.20030212124951.00884100@rouge.phys.lsu.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone have one of these simplex repeater units that RS sold a couple of years ago (#19-345) that's surplus to your present activities

Looking for one to use in a high altitude ballon project we're doing with some of our undergrad physics students here at LSU. We'll be flying one or two balloons to the "edge of space" late in May from the National Scientific Balloon Facility in Palestine TX.

Might have some trading fodder as well to negotiate with. I'd sugest a loan of a unit, but in ballooning you never know for sure if you'll get your payload back :^))

72

Jim N5IB

Jim Giammanco, N5IB and Trustee of W5YW and K5LSU, the LSU club stations

<n5ib@juno.com> mail at the home QTH
<giamman@rouge.phys.lsu.edu> mail at LSU Physics and Astronomy
<<http://www.qsl.net/n5ib>> N5IB home page
<<http://www.phys.lsu.edu/faculty/giammanco/giammanco.html>>
faculty home page
(225) 578-8278 [voice-LSU] 225-578-5855 [fax-LSU]
LSU Dept. of Physics & Astronomy, 202 Nicholson Hall
Baton Rouge LA 70803-4001

Date: Wed, 12 Feb 2003 14:08:45 -0500
From: "Garey Barrell" <k4oah@mindspring.com>
To: <nielsen@oz.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [146111] Re: QST View
Message-ID: <002e01c2d2ca\$2a3d91a0\$6501a8c0@hp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, that's all well and good, but since the files on ALL the QST View and HR CD-ROM sets are either TIFF or JPG files, I'm not sure what help an Acrobat viewer would be for these.??

The Annual ARRL Periodical CD's are in PDF, but that kinda leaves you

out in the cold for the first 85 years of QST or the 22 years of HR....

Garey - K40AH

----- Original Message -----

From: "Bob Nielsen" <nielsen@oz.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, February 12, 2003 12:07 PM

Subject: Re: QST View - was (ARRL Evil Empire)

> Acrobat has the additional advantage that it is not limited to Windows

> machines but also exists for Macs and Linux boxes.

>

> Bob Nielsen, N7XY

>

> On Mon, Dec 30, 2002 at 07:20:09PM -0700, Karl F. Larsen wrote:

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> >

> >

> > On Mon, 30 Dec 2002, Garey Barrell wrote:

> >

Date: Wed, 12 Feb 2003 13:11:29 -0600

From: San Rotter <rotter@ieee.org>

To: qrp-1@lehigh.edu

Subject: [146112] Re: Altoids Tin Source - Westminster Dog Show

Message-ID: <200302121911.h1CJB3SA002417@rain.CC.Lehigh.EDU>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Ron -

I assume they are special ones fer dogs. See below:

72,

San
K9YT

<http://www.vetcentric.com/magazine/magazineArticle.cfm?ARTICLEID=1893>
Halloween Treats that Are Safe for Pets
October 30, 2002
Written by: Christina Mehra, Staff Writer

.....The company currently has two candy-like doggie treats available. The first, Yip Yap, is a breath mint for dogs. Designed to appeal to owners as well as pets, these "mints" come in a tin like the popular human breath mints, Altoids. But, bone-shaped and flavored with liver and parsley, these mints are definitely for doggie palates only.....

.....According to testimonials on the Chomp Web site: <http://www.chompinc.com/default.asp> Yip Yaps really do freshen dogs' bad breath. Many canines beg for the treats, including Cheyenne, Ms. Lazarczyk's own 2-year-old Weimaraner.....

Date: Wed, 12 Feb 2003 12:32:44 -0700
From: Rod NOrc <rod@n0rc.us>
To: " " <qrp-1@Lehigh.EDU>
Subject: [146113] MAR QST--Build your own MIC
Message-ID: <579HBLTGS1008S03.1045078364@uwdvg003.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

It it just me, or would a better name for the Mic be:

"Tuna Tine Talker"?

73, R.

Date: Wed, 12 Feb 2003 15:11:52 -0500
From: "Lee Mairs" <lmairs@direcway.com>
To: <rcmcc@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [146114] Re: Altoids Tin Source - Westminster Dog Show
Message-ID: <003301c2d2d3\$01d27f60\$3b6d020a@boomer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was wondering what to do with all those darn things. Guess I'll get me a dog!

73 de Lee
km4yy

----- Original Message -----

From: "Ron McConnell" <rcmcc@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, February 12, 2003 11:38 AM
Subject: Altoids Tin Source - Westminster Dog Show

>
> Monday evening we somehow ended up
> watching the Westminster Dog Show
> on TV for a while. To my astonishment
> they mentioned that the trainers give
> the dogs Altoid mints as treats
> (and breath fresheners?).
> The first time they said it my xyl
> and I looked at each other to see
> if we both had heard the same thing.
> It was mentioned a couple more times
> in the half hour. I believe the
> announcers were a bit surprised, too.
>
> Now figuring that there are/were about 2500 dogs
> at the show, about 3 days ... there should be
> a good supply of empty tins at the show.
> Next year we can be prepared to go around
> and collect them before they are trashed.
>
> Now I will have to get some more Altoids
> and _offer_ one to our dog to see
> what she will do.
>

> 73,
>
> Ron McConnell
> w2iol
>
>

Date: Wed, 12 Feb 2003 15:43:46 -0500
From: "Tom" <kf4yyd@adelphia.net>
To: <qrp-l@Lehigh.EDU>
Subject: [146115] Re: Light Bulb Dummy Loads
Message-ID: <EIEBLEILGEEGMLHGH0AGKEEOCDAA.kf4yyd@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

Thanks for some very interesting replies to this, both here on list and directly!! While I have no intention of retiring my just recently built OHR RFL-100 dummy load I find it amazing what one can do with something as innocuous as a simple light bulb. I'm only 37 and for all practical purposes a new Ham, so some OT's may wonder why I would even care about using a lamp as a dummy load. Well, from a historical perspective it's interesting plus I can now add another item to my very small but hopefully growing bag of tricks. The scary thing is that the answer to why you could use it was Ohm's Law it doesn't get much simpler than that. Well, now to go tackle my OHR WM-2 kit...

Thanks

Date: Wed, 12 Feb 2003 13:55:27 -0700
From: Rod N0RC <rod@n0rc.us>
To: " " <qrp-l@Lehigh.EDU>, <elecraft@mailman.qth.net>
Subject: [146116] Radio Transport Cases
Message-ID: <678HBLu4b7904S20.1045083327@uwdvg020.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Here is an alternative to the more costly Pelican case: The Otterbox 5000=

&
5500 either should work just fine for smaller rigs up to about Sierra/K1 size.

Details at: <http://www.otterbox.com/5000.pdf>

73, Rod N0RC

Date: Wed, 12 Feb 2003 16:40:10 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: QRPL <qrp-l@Lehigh.EDU>, QRP Canada <qrp-canada@neale.gpfn.sk.ca>
Subject: [146117] C6ALK on 18.073
Message-ID: <3E4ABF3A.C6753F7D@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just worked Brian on 18.073.75 ..He has a nice signal 589, I received a 539 running 5 watts from my 817 into a dipole.....
He is calling cq now and is very lonely , it is 21:39 z...

Fred
VE3FAL

Date: Wed, 12 Feb 2003 17:24:47 -0600
From: "Mike Duke, K5XU" <k5xu@jam.rr.com>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [146118] Simple Portable CW Rig
Message-ID: <014801c2d2ed\$f388b4e0\$ced6a418@jam.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Someone may have already mentioned the Tentec Argosy. It runs 50 or 5 watts, and should run fine from his motor home.

If you can find them, either the Yaesu FT-7 or the Kenwood TS-130V are 20 watt alternatives.

The FT-7 is actually larger than the IC-706, and a bit heavy. Same for the TS-130V.

There are also some single band solid state rigs from Swan in the 50 watt class, but I haven't seen one in nearly forever.

Everything else that I can think of is physically larger than the IC-718.

Mike Duke, K5XU
American Council of Blind Radio Amateurs

Date: Wed, 12 Feb 2003 17:37:59 -0600
From: "Dave Redfearn" <n4elm@attbi.com>
To: "Low Power Amateur Radio Discussion \ (E-mail\)" <qrp-l@lehigh.edu>
Subject: [146119] FS: Unbuilt Norcal Nor'easter kit
Message-ID: <000001c2d2ef\$c7e02f10\$016fa8c0@Pavillion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale:

Unbuilt Norcal Nor'easter Shortwave receiver kit.
Original and unopened except to send the microprocesor in for the
programming exchange.
New microprocessor included.

Asking \$50.00

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKattbi.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

End of QRP-L Digest 2829

